

MOBILE PACKET COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

5 The present invention concerns a mobile packet
communication system that supports data communications,
including Internet communications, in a high-speed
mobile communication system such as a cellular
communication network, and integrates a mobile network
10 and a fixed network on a common platform while providing
the capability to select an optimum route. Location
registration servers 1-4-1 to 1-4-3 each store in a one-
to-one fashion the addresses of subscriber nodes 1-2-1
to 1-2-2 currently serving mobile terminals 1-1-1 to 1-
15 1-2 each assigned a packet address, or store in a one-
to-one fashion the addresses of gate nodes 1-3-1 to 1-3-
2 connected to fixed equipment 1-5-1 to 1-5-2 each
assigned a packet address, and a transmitting node,
which is a subscriber node or a gate node, temporarily
20 stores a receiving node address reported from the
corresponding one of the location registration servers
1-4-1 to 1-4-3, and transfers subsequent packets
directly to the receiving node by using the temporarily

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stored receiving node address.